

EXHIBIT A2



The Commonwealth of Massachusetts

Department of State Police

DEVAL L. PATRICK
GOVERNOR

LIEUTENANT GOVERNOR

ANDREA J. CABRAL
SECRETARY

COLONEL TIMOTHY P. ALBEN
SUPERINTENDENT

Firearms Identification Section

124 Acton Street

Maynard, Massachusetts 01754

Lieutenant David M. Cahill

EDUCATION:

2014	<i>Masters of Arts - Criminal Justice</i> University of Massachusetts Lowell, Massachusetts
2005	<i>Bachelor of Science - Criminal Justice</i> Western New England College Springfield, Massachusetts
1987	METROPOLITAN POLICE ACADEMY Needham, Massachusetts

EMPLOYMENT:

1987 to present	COMMONWEALTH OF MASSACHUSETTS <i>Massachusetts State Police</i>
2002	MASSACHUSETTS STATE POLICE <i>Ballistics Section</i> <i>Lieutenant</i> (2002 to Present) Duties: Executive Officer of the Firearms Identification Section. Supervises Firearms Examiners in the Maynard and Danvers Labs. Respond to crime scenes, gather and preserve firearms and firearms related evidence. Attend autopsies,

David M. Cahill
5-18-14

observe wounds and receive evidence projectiles from Medical Examiners office. Conduct test firings of suspect weapons including distance type pattern tests when requested. Perform microscopic examinations of recovered evidence against test specimens from suspect weapon. Routine test firing of weapons to determine function and capability.

EXPERT TESTIMONY:

Qualified as an expert in Firearms Identification. Testified numerous times.

MASSACHUSETTS SUPERIOR COURTS: Bristol, Essex, , Middlesex, and Worcester counties.

FEDERAL COURTS: Springfield, Worcester

EXPERIENCE:

The field of Firearms Identification is an applied science. While schools teach theory and instruct techniques, hands-on experience provides the foundation of a skilled firearms examiner. Training is similar to an apprenticeship; you learn by working on actual cases with other experts in the field.

Experience to date includes:

- Examined and/or test fired in excess of 3000 different weapons.
- Conducted in excess of 2000 microscopic comparison examinations.
- Participated in numerous fatal shooting investigations; most of those being homicides.

The Firearms Identification Section uses various references including material from:

- Sturm, Ruger Armorers' school.
- Glock Armorers' school
- Remington Armorers' school

HONORS:

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| 2005 | Certificate of Accomplishment
Recognition of the Massachusetts State Police partnership to create a safer society using the National Integrated Ballistic Information Network system.
<i>Awarded to the Firearms Identification Section</i> |
| 2003 | Division Commander's Commendation for Implementation of National Integrated Ballistic Information Network (NIBIN) |

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Awarded to the Firearms Identification Section

2003 Commonwealth Performance Recognition Citation for
Outstanding Performance
Awarded to the Firearms Identification Section

CONTINUING EDUCATION – SCIENTIFIC:

2003 NIBIN SCHOOL
Largo, Florida
Description: Basic operator course for the NIBIN System held
at Forensic Technologies Training center in Largo, Florida

2003 SMITH & WESSON ARMORERS' SCHOOL
Springfield, Massachusetts
Description: Course on how weapons are manufactured and
assembled. This was an essential class since a major
responsibility of a Firearms Identification examiner is to
identify the toolmarks which are imparted upon a weapon
during the manufacturing process. It is those toolmarks created
during manufacturing that produce the microscopic differences
that a Firearms Identification examiner looks for during
microscopic exams.

2004 SIG SAUER ARMORERS' SCHOOL
SIGARMS Academy, Exeter, NH
Description: Course designed to instruct Firearms
Identification examiners how to assemble and function their
weapons expertly.

2004 Shooting Reconstruction Course
Henry C. Lee Institute for Forensic Science, University of New
Haven, New Haven CT.
Description: Advanced course in shooting reconstruction using
classroom and hands on training. Studying bloodstain and
trajectory analysis and Gun Shot residue.

2004 GLOCK ARMORES'S SCHOOL
Description: A course in the design, manufacturing, assembly
and repair of GLOCK semi-automatic pistols

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- 2005 Serial Number Restoration Course
Bureau of Alcohol Tobacco and Firearms
Framingham State College, Framingham, MA
Description: A course in the forensic sub-discipline of serial Number restoration, which comprised twenty-four hours of instruction and certification in serial number restoration.
- 2004 COLT Defense Industries
Massachusetts State Police Academy, New Braintree, MA
- 2005 FBI ACADEMY
Quantico, Virginia
Description: Techniques on Advanced Firearms Identification
- 2005 Techniques in Toolmarks Identification
Presented by the FBI Firearms/Toolmarks Unit at Boston Police Department
Description: Techniques on Toolmarks Identification
- 2006 Basic Bloodstain Pattern Analysis
Presented by the Massachusetts State Police Crime Lab
- 2006 Basic Firearms Instructor Course
Presented by the Firearms Training Unit at the Massachusetts State Police Academy
Description: A basic firearms instructor course in pistol and Shotgun.
- 2007 BERETTA ARMORER COUSES
Presented by Beretta at the Boston Police Department
- 2008 Examination and Comparison of Bullet and Shotshell Projectiles.
Presented by Nancy D. McCombs at Boston Police Department
Description: Techniques in microscopic examination of projectiles and shotshell projectiles. Including the microscopic examination of projectiles fired from consecutively manufactured barrels.
- 2009 AFTE Conference Miami Florida May 30 thru June 5.
Annual meeting of the Association of Firearms and Tool Marks Examiners. Present for the presentation of numerous papers in the field of Firearms Identification. Also attended classes in Barrel Making and Cartridge casings.

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- 2010 Shooting Reconstruction February 2010
A 20 hour online course thru West Virginia University on the concepts of shooting scene reconstruction.
- 2010 Heckler & Koch MP5 Armorer's Course
A two day course in the assembly and disassembly and repair of the various models and trigger groups of the Heckler & Koch MP5 machinegun.
- 2011 Leica Microsystems Comparison Microscope course
A 8 hour course in Comparison Microscope Illumination and Imaging Techniques.
- 2011 Tool Mark Course. A 40 hour course in the Area of Tool Mark Examination and Identification. Held at the Massachusetts State Police Crime Lab Maynard MA on February 28-March 4 2011. Instructors were Mr.David Brundage and Mr. James Gannalo.
- 2012 Smith & Wesson M&P 15 Rifle Armorers Course
Smith & Wesson Academy Springfield, MA
A two day course in the care maintenance and repair of the Smith & Wesson M&P 15 Rifle
- 2012 AFTE Conference Buffalo NY June 24 thru 29 2012
Annual meeting of the Association of Firearms and Tool Marks Examiners. Present for the presentation of numerous technical Papers. High Point Armorers Course.
- 2012 Smith & Wesson M&P Pistol Armorers Course
Smith & Wesson Academy Springfield MA
A one day course in the care and maintenance/repair of the Smith & Wesson M & P series pistols.
- 2013 Remington Arms Armorer's Course and Factory Tour
Remington Arms, Ilion NY May 14-17, 2013
A four day Armorer Course on the Remington 870, 1187 Shotguns and the 700 Bolt Action Rifle
- 2014 Ruger Arms Armorer's Course and Factory Tour
Ruger Arms, Newport NH March 17-20, 2014
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A four day Armorer's course on the Ruger Mini-14 Rifle, GP100 Revolver and the LC9/LCP semi-automatic pistols.
AFTE Conference Seattle Washington May 10 thru 16 2014
Annual meeting of the Association of Firearms and Tool Marks Examiners. Present for the presentation of numerous technical Papers. Sub-Class Characteristics and 3D Technology Workshops

LECTURES/TRAINING SEMINARS:

Presented numerous Introductory Firearms Identification lectures for Massachusetts Police Academies (State and Municipal) in addition to the District Attorneys offices (Middlesex, Worcester, and Essex counties).
Lectured at Boston University School of Medicine.

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